

NEVADA PLANT COMMUNITY OBSERVATION REPORT

Send to:

Nevada Natural Heritage Program
1550 E. College Pkwy, Suite 145
Carson City, NV 89706-7921
<http://www.state.nv.us/nvnhp/>

Incomplete data are welcome!
If possible, include map with
outline of community or area
observed (e.g. photocopy of
USGS quad map)

Location

Site Name: _____ County: _____

Directions to site: _____

Latitude: _____ Longitude: _____ Elevation: _____ to _____ ft/m

UTM Easting: _____ UTM Northing: _____ UTM Zone: _____

Township: _____ Range: _____ Section: _____

Horizontal Precision: ± _____ Source: _____

Map name: _____ Datum: _____ Map Scale: _____

Vertical Precision: ± _____ Source: _____

Y/N: Copy of map attached with location highlighted or outlined? _____

Land owner/manager: _____

Site protective designation (if any): _____

Contribution Documentation

Date Last Observed (month dd, yyyy): _____

Your name and agency: _____

Phone number and email: _____

Others who are knowledgeable about the community or site: _____

Community

If plots are being taken, use the the plot data sheet in place of this section

Ad hoc descriptive name (e.g. *Artemisia nova* / *Stipa comata* Dwarf-shrubland): _____

Classification Used (if any): _____

National Vegetation Classification code (if known): _____

NVC name (if known): _____

Community Structure: Estimate cover for the most dominant species by percent, or enter "t" for trace, and code D for Dominant, C for co-dominant, S for subdominant, O for other:

Cover Dominance Species

Cover	Dominance	Species
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

List other common species: _____

Physiognomy: _____

1.Forest (closed tree canopy)
2.Woodland

3.Shrubland
4.Dwarf-shrubland/scrub

5.Herbaceous
6.Sparse

General canopy height: _____ Emergent height: _____

Estimate the following by percent, or enter "t" for trace:

Cover	Type
_____	Vascular vegetation
_____	Non-vascular (soil crusts)
_____	Rock outcrop
_____	Other non-biotic cover

Y/N: Lichens present as epiphytes? _____ Mosses? _____

(of which _____ % is lichen, _____ % is moss, _____ % other)

Lichen cover on rocks: _____ Moss cover on rocks: _____

Environment

Topographic Position: _____

- | | | |
|-------------------------------|-----------------|------------------|
| 1. sharp ridge or peak | 5. plateau | 9. narrow valley |
| 2. broad ridge, peak, or mesa | 6. lower slope | 10. broad valley |
| 3. upper 1/3 slope | 7. toe slope | 11. flats |
| 4. mid 1/3 slope | 8. alluvial fan | 12. Playa |

Topographic Form: _____

- | | | |
|-----------|-----------|------------|
| 1. convex | 2. planar | 3. concave |
|-----------|-----------|------------|

Slope: _____

- | | | |
|----------------------|-------------------------------|-------------------------|
| none (0 – 3 degrees) | slight (3 – 10 deg.) | moderate (10 – 20 deg.) |
| steep (20 – 45 deg.) | dangerously steep (> 45 deg.) | OR SPECIFIC DEGREES |

Aspect: _____

Moisture: _____

- | | | | | |
|-----------------|-----------------|-------------|--------------|----------------------|
| 1. Upland xeric | 2. Upland mesic | 3. Riparian | 4. Lake side | 5. Wetland / Aquatic |
|-----------------|-----------------|-------------|--------------|----------------------|

Hydrology: _____

- | | | | |
|----------------------------|------------------------|--------------|------------------------|
| A. Semipermanently Flooded | B. Seasonally Flooded | C. Saturated | D. Temporarily Flooded |
| E. Intermittently Flooded | F. Permanently Flooded | | |

Soil: _____

- | | | |
|----------|----------|---------|
| 1. Sandy | 2. Loamy | 3. Clay |
|----------|----------|---------|

Y/N/%: With gravel? _____

With rocks? _____

With salt-crust? _____

Drainage: _____

- | | | | | |
|----------|---------|-------------|---------|--------------|
| 1. Rapid | 2. Well | 3. Moderate | 4. Poor | 5. Very Poor |
|----------|---------|-------------|---------|--------------|

Parent Material (e.g. Calcareous): _____

Y/N: Large Rock Outcrops? _____

Other important environmental factors? _____

Quality and Quantity

Area covered: _____

- | | | |
|------------------|----------------------|-----------------------|
| 1. square meters | 2. hectares or acres | 3. square km or miles |
|------------------|----------------------|-----------------------|

More specific? _____

Y/N: Bordered by fires? _____

Bordered by agriculture? _____

Bordered by roads? _____

Bordered by housing? _____

Urban – Rural interface? _____

Area of natural landscape: _____

Age of dominant species: _____ yrs

Apparent grazing intensity: _____

- | | |
|---------------------------|--|
| 1. not grazed | 3. old cow-pies or hoof-prints |
| 2. grazed but not obvious | 4. fresh (this year) cow-pies or hoof-prints |

Other disturbance: _____

Y/N: Invasive Plants Present? _____

%Cover

Species

Y/N: Rare Species Present? _____

Type(s): _____

- | | | |
|----------|-----------|-----------|
| 1. Plant | 2. Fungus | 3. Animal |
|----------|-----------|-----------|

%Cover or number Species

_____%
_____%
_____%
_____%

Other Comments